

POLREP #5

U.S. Environmental Protection Agency
Region 3

Date: August 18, 2004

Subject: Sykesville Oil Spill

From: Charles E. Fitzsimmons, FOSC

To: D. Carney, EPA Region 3
C. Kleeman, EPA Region 3
L. Marzulli, EPA Region 3
USCG - NPFC
USCG - MSO Baltimore
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I. Background

FPN#:	E043Z1
Incident Report#:	711788
Project Ceiling:	\$670,000
Lead Agency:	EPA Region 3 - 3HS31
NPL:	Not on NPL
Funding:	OPA
Lead OSC:	Charlie Fitzsimmons, FOSC 701 Mapes Rd., Ft. Meade, Md.

II. Situation

Date NRC Notification:	Jan 28, 2004
Date State Started:	Jan 28, 2004
Referral from State:	Mar 30, 2004
Date Action Ended:	ongoing
Pollutant:	Diesel Fuel
Quantity Discharged:	estimated >1000gals
Substantial Threat:	medium
Surface Water:	unnamed tributary to Piney Run Creek/Patapsco River
Source Identification:	springhead seep of #2 diesel into unnamed trib.

III. Actions Taken

Refer to Initial Polrep dated April 05, 2004 for background information.

1. USCOE contractor, Plexus Scientific Corp. provided revised Final Work Plan, Quality Control Plan, Site Health and Safety Plan and Sampling and Analysis Plan to FOSC on Nov 15, 2004 after a precon meeting was conducted. Plan mandates the following activities:

- a. continued control and removal of seep product prior to it reaching surface waters- construction of an interceptor and collection trench down gradient of the seep and installation of an underflow dam to allow for creek flow and skimming of surface product; installation of a belt skimmer at this location to allow for more efficient skimming of product
- b. subsurface investigation to determine source of release - includes the use of screening wells, monitoring wells and a soil gas survey to track release back to its source.
- c. site removal activity - will include skimming activities at seep locations to prevent impact to surface waters and additional collection activities via well pumping if a large slug of product is located during the subsurface investigation.

2. Field work mobilization occurred during the week of 11/18/04. Initial activities included access road preparation and minimal site clearing. Care was taken to ensure minimal stress to local vegetation and fauna.

3. Plexus completed stream bank cleanup ops including removal of contaminated leaves and some sediment was removed and placed in rolloff boxes on 11/29/04. The area was prepped for trenching activities. Five test pits were installed. A design memo was submitted for USCOE approval for installation of the underflow/collection dam.

4 Plexus initiated test pits in the area of the seep on 12/02/04 along the upper stream bank. Product seeps were identified at depths ranging from 6 to 8 feet. Plexus excavated the test pit/trench section in a continuous length and placed stone and observation pipe in the trench. This trench was installed approximately in accordance with the originally planned recovery and collection trench identified in the Work Plan.

5 Eight rolloff boxes containing contaminated soils were transported off site to Soil Safe Inc., Baltimore on 12/06/04. Micro Well (scanning) installation subcontractor mobilized to site on 12/06/04 and initiated installation of seven such wells ranging in depth from 9 to 32 feet.

6 Two rolloff boxes containing contaminated soils from trenching activities were transported off site to Soil Safe Inc., Baltimore on 12/07/04. Four soil borings were advanced on 12/07/04.

7 Six rolloff boxes of contaminated soils from trenching activities were hauled off site to Soil Safe Inc., Baltimore on 12/08/04. Six micro wells (screening) were installed on 12/08/04.

8 Five rolloff boxes (20yds) containing oil soaked soil generated during the trench pit excavation activities were shipped off site on 12/09/04 to Soil Safe Inc., Baltimore. Three (3) micro wells (screening) were installed on 12/09/04.

9 Collection/underflow dam installation was completed on 12/13/04. This will provide a more efficient removal of oil prior to it reaching the creek.

10. Professional Surveyor completed property delineation and overall survey on 12/15/04.

11. 20yrd rolloff box filled with solid waste site debris was shipped off site on 12/16/04.

IV. Future Actions

Site work demobilization occurred on 12/17/04. Site work will remobe after the holidays. Subsurface investigation activities will continue. FOSC to obtain site access agreement with neighboring Fogles Septic Service Inc. so that the investigation can continue.

V. Cost To Date

I. Project Ceiling: \$670,000

II. USACE-PRFA Ceiling: \$640,000

1. Amount invoiced: \$65,420

2. Amount remaining: \$574,580

III. Internal EPA Ceiling: \$30,000

Amount spent: \$7,500